

**Listing of Claims:**

Claim 1. (original) An overload protector coupled to an electric motor comprising:  
a thermally activated switching device for selectively providing current to a mains circuit of the electric motor, said switching device including a first heater element;  
a second heater element thermally coupled to said switching device; and  
a control circuit connected to and activating said second heater element.

Claim 2. (original) The overload protector of Claim 1 in which said switching device comprises a bimetallic element.

Claim 3. (original) The overload protector of Claim 1 in which said control circuit is remotely located relative to said motor.

Claim 4. (original) The overload protector of Claim 1 further comprising a second heater element thermally coupled to and electrically connected in series with said switching device.

Claims 5 through 19 (canceled).

Respectfully submitted,

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